Webinar Series
Irrigation Pathogens & Water Quality

Webinar Presentation
Recycled Water Quality Dynamics and Implications for Crop Production

Tuesday, September 2, 2014
Noon to 1:00 pm (Eastern)
To participate in this webinar, please go to
https://connect.extension.iastate.edu/irrigation-water/
and dial 1-888-619-1583 then enter pass code: 491981

Presenter:
Dr. Chuan Hong, Professor of Plant Pathology, Virginia Tech

Summary:
Agricultural runoff capture and reuse is essential to ensure an adequate supply of water for irrigation while preventing pollution. This webinar will switch gears from waterborne pathogen mitigation and focus on containment pond water quality, another emerging issue of critical importance to water reuse. In collaboration with the owners and their crew of selected nurseries, the SCRI project team have continuously monitored water quality in nine runoff containment ponds in Virginia, two in Maryland, and one in Mississippi to determine whether and how it may differ from water quality in natural lakes and streams. This webinar will provide an overview of these data and discuss how containment pond water quality may affect crop health and production. We also will discuss what may have driven the water quality dynamics in these ponds, and what needs to be done to better understand water quality and quantity dynamics in this new system and make agricultural runoff truly a valuable water resource.

Each webinar in this series is qualified for one Certified Horticulturist CEU in Maryland, Pennsylvania and Virginia. Participants from these states just need to document and report their CEUs to local Nursery and Landscape Associations.
All previous webinars are posted at http://www.irrigation-pathogens.ppws.vt.edu/webinar/index.php. Check out the project website at www.irrigation-pathogens.info for ongoing research and education activities. For more information about the webinar, or questions, contact Chuan Hong at *chhong2@vt.edu*